



Attorney Docket No.: 047373-0148

IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Noriyuki UMEZAWA et al.

Title: METHOD AND APPARATUS FOR
DISCRIMINATING TONER BOTTLE TYPES,
STIRRING TONER, AND DETECTING THE
AMOUNT OF REMAINING TONER

Reissue Appl. No.: 10/658,849

Reissue Filing Date: 09/10/2003

Examiner: Not Yet Assigned

Art Unit: 2852

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop REISSUE
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

This statement is supplemental to the Information Disclosure Statement filed on April 16, 2004.

FURTHER STATEMENTS OF RELEVANCE OF DOCUMENTS

The following provides a supplemental statement of relevance to certain references cited in the Information Disclosure Statement filed on April 16, 2004.

Document A99 discloses that a bar code is read by a reading means 323, to discriminate the type of toner cartridge.

Document A101 discloses that a bar code 6 is read by a bar code scanner 1 to discriminate the type of toner cartridge 72.

Document A102 discloses that projections 27 and 28 are used to fix a toner cartridge at a predetermined position.

Document A104 discloses that a bar code 10C on a toner cartridge 10 is used to discriminate the type of toner cartridge.

Document A105 discloses that a bar code BJ on a toner cartridge is used to discriminate the type of toner cartridge.

Document A109 discloses that a storing means with a ROM is read to discriminate the type of toner cartridge.

Document A111 discloses that a projection 12a formed on a toner bottle engages with a projection 13a, and a projection 26 engages with a recess 25.

Document A112 discloses that a predetermined image A and B and a bar code C are formed on an ink cartridge to detect the type of ink cartridge.

Document A113 discloses that a formation of pins 6a on an end face of a toner cartridge may be different for each type of toner in the cartridge.

Document A116 discloses that a projection 420 has a predetermined code read by a code sensor 10 to detect the type of toner cartridge.

Document A120 discloses that a logo mark PT is used to discriminate a type of toner cartridge.

Document A123 discloses that a projection 42 formed on an outer surface of a toner container 15 is used as a guide member.

Document A126 discloses that a projection 12 is formed on an outer surface of a toner cartridge.

Document A133 discloses a projection 12a on an outer surface of a toner bottle 1 is used to engage with a coupling device 2.

Document A136 discloses that a bar code 17 is marked on a sealing member 12 of a toner cartridge 3 and read by a bar code recognition means 16.

Document A140 discloses a recess 5c interrelates with a projection 6c of the image forming apparatus during insertion of a toner cartridge 5 into the image forming apparatus for positioning of the toner discharging opening 5b.

Document A143 discloses that a bar code 3 is used to discriminate a type of toner cartridge.

Document A144 discloses that a projection 2 on a ribbon cartridge 1 is used to discriminate the type of ink ribbon cassette.

Document A146 discloses that a marker code 2 on a cartridge 1 is detected to discriminate the type of cartridge.

Document A149 discloses that a magnet Mg on a toner cartridge 3 is used to discriminate the type of toner cartridge.

Document A150 discloses that a projection 18 is used to detect an amount of toner in a toner cartridge 17.

Document A151 discloses that a magnetic tape 21 on a toner cartridge 13 is used to discriminate a type of toner cartridge.

Document A157 discloses that a bar code B on a bottle is detected to set a position of the bottle.

Document A160 discloses that a code 52 on a bottle having a plurality of projections 54 is used to check by which mold the bottle is made.

Document A164 discloses a projection 12 formed on an outer surface of a toner bottle.

Document A166 discloses that a projection is formed on an outer surface of a toner bottle.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 (provided on April 16, 2004) be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

By 

Date June 2, 2004

FOLEY & LARDNER LLP
Customer Number: 22428
Telephone: (202) 945-6162
Facsimile: (202) 672-5399

Pavan K. Agarwal
Attorney for Applicants
Registration No. 40,888